

3/20/74

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ENVIRONMENTAL CHEMISTRY REVIEW OF EXPERIMENTAL PERMIT REQUEST
FOR USE OF: (Chloropyrifos[0,0-diethyl 0-(3,5,6-trichloro-2-
pyridyl)phosphorothioate] (Lorsban)
Reg. No. 464-EXP
Dow Chemical Company
Ltr. 1/8/74

I. INTRODUCTION

1. The proposed program will involve the use of LORSBAN on cotton on a total of 140 acres in seven Cotton Belt States. Individual plots will be from 5 to 10 acres in size. A total of 450 gallons (1800 lbs. active) is the requested amount of formulation for this program.

II. DIRECTIONS FOR USE:

1 qt./a (1 lb. A/A) mid and late treatment. 1/2 pt/A (.25 lb. A/A); Retreat as necessary.

III. DISCUSSION OF DATA

An inspection of the available data indicates that no PR 70-15 data are submitted with this petition. Such data have been previously requested (but not received) in connection with another requested registration for this insecticide.

IV. CONCLUSIONS:

1. PR 70-15 data are needed.
2. A 1-year period of waiting for planting of subsequent crops will be necessary.
3. This was cursory review as ordered.

V. RECOMMENDATIONS

1. Object to registration.
1. A label restriction such as "do not plant subsequent crops within 1 year after treatment" is needed.
2. All environmental chemistry data (PR Notice 70-15) will be needed to support registration at which time a review of the data will be made.

Ronald E. Ney 3/20/74
William S. Cox (Chemist on detail)
ENVIRONMENTAL CHEMISTRY REVIEW
ECOLOGICAL EFFECTS BRANCH

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